



From a dream to making dreams come true for Upstate underserved youth

THE CONCEPT – Regional fair for ALL NYS students

- GSSSF* offers workshop about “orphaned counties”
- Partnership promotes creation of a new ISEF-affiliated regional fair serving NNY, WNY and Southern Tier
- Director attends 2004 and 2005 ISEF for guidance, ideas, and networking
- SUNY ESF Outreach is in!

2006, 2007 – SUNY ESF + GSSSF* launch TRSEF!

- Yr 1, SUNY ESF* Outreach and GSSSF test the waters
- Yr 2, GSSSF partners TRSEF
- IISEF* affiliation requires 5 schools *or* 50 Senior Level students – done in 2 yrs!
- 2006 = 3 schools / 12 stud.
- 2007 = 7 schools / 15 stud.
- Both yrs, 2 IISEF Finalists
- TRSEF forms 501(c)3 for fundraising

2008, 2009 – Major hurdles overcome

- Funding secured for 2008 but withdrawn; corporate offices will not permit precollegiate partnerships; TRSEF cancelled, so ...
- 2009 brings 6 grants and sponsorships (including NCF's first multi-yr grant!)
- TRSEF runs 6 Family Science Adventures
- 6 schools / 46 students

2010 Cycle – First fully-funded independent yr.

- Dr. Ying offers \$7500 challenge grant; adds Ying Scholar Finals + County Science Champions
- OCC* becomes host site
- UB* sends our first Rube Goldberg Machine team
- NCF grant funds pilot of first mentor partnership
- First IISEF Awards rec'd
- 18 schools / 58 students

2011 Cycle – Our door to the future

- Dr. Ying doubles challenge grant – now \$15,000
- OCC and Dr. Ying make long-term commitment
- GLOBE presents 1st Upstate training in 10 yrs!
- “Fair in a Box” launched as online resource
- Ying TRSEF secures first category sponsors
- 16 schools / 73 students

2012 Cycle – Partnering to expand outreach

- Ying STEM Portal connects underserved teens with STEM mentors
- Ying TRSEF joins Engineering Society of Buffalo and TACNY
- Adelphi Univ. invites Ying TRSEF into NSF grant
- NASA and foundations fund Steuben Science Summer
- 19 schools / 78 students

2013 Cycle – Engaging more districts

- Ying Prize of quarter million \$ opens endowment
- Launch 5-yr partnership with Onondaga; goal is to staff Ying TRSEF as a permanent unit of College
- Stockholm Jr Water Prize team wins NYS competition
- Ying TRSEF Finalist third in the world (chem/mol. bio)
- 26 schools / 142 students

2014 Cycle – Launch Campaign for Permanence

- NY's US Senators and 9 US Reps. to pilot, TimeWarner Connect a Million Minds to fund, first Congressional Science Fair with our kids!
- NASA funds PDs/CEUs and mini Maker Faire for CNY
- Move fair to larger venue at Onondaga
- Launch endowment plan for *Campaign for Permanence*

* GSSSF – Greater Syracuse Scholastic Science Fair

* NCF – Northern New York Community Foundation

* SUNY ESF – SUNY College of Environmental Science & Forestry

* OCC – Onondaga Community College

* IISEF – Intel International Science and Engineering Fair

* UB – SUNY University at Buffalo